

# Results, 6th IARU HF World Championship

The timing of the solar flares didn't make for a lively contest.—  
*Leigh Matthews, N8LM*

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Contest Manager Assistant Contest Manager

The 1991 IARU HF World Championship suffered from what all contestants dread most: terrible band conditions. A major geomagnetic storm hit the night before the contest, driving the A index from 19 to 73 and the K to 7. Reports from every continent confirmed that openings on the high bands were all but extinct. Transcontinental QSOs were a rarity in most logs. These were possibly the worst band conditions in the history of the contest.

Opinions on the propagation were pretty much unanimous. Lee, AA4GA, reported, "the conditions were simply malodorous!" Carl, W0BWJ, said, "Never have I heard such lousy, impossible band conditions." Sadayuki, JH1UUT, complained, "Conditions were so poor at times that I couldn't hear any domestic stations."

Even with bad band conditions, receiver S-meters only moving on rare occasions and most signals at or below the noise level, hard-core contestants stuck it out to the bitter end. A quick scan through the Top 10 boxes reveals such dyed-in-the-wool competitors: HA0MM, KR0Y, 5B9A, 5B4MF, RL7A, V27T, UR5M and a slew of other European and Asian multiops. But don't count these as the only ops giving it their all—17 zone records were set during the 1991 Championship: six on mixed mode, seven on phone, three on CW and

one multioperator. The other unsung heroes battled for top spots in their Sections or countries. We applaud every one of them. They surely deserve it. Scan the score listings and see for yourself—these people are the true backbone of the contest.

This year's contest drew 887 entries from 45 ITU zones, down sharply from last year's 1166 entries. This is largely because of poor band conditions. CW proved to be the most popular entry category again this year, with 309 entries. The second-most-popular is phone with 220 entries, followed by mixed mode with 153 entries and multioperator with 108 entries. Thanks also to the 93 stations that submitted checklogs in support of the contest.

The competition between IARU Headquarters stations led to nine member-societies sending in entries, with the Hungarian team of MRASZ operating HG73DX to yet another First-Place finish, despite having only half the score it earned last year. The score roster remained roughly unchanged from last year, with DA0HQ, YP0A and W1AW finishing in the same

positions as they did in the previous contest.

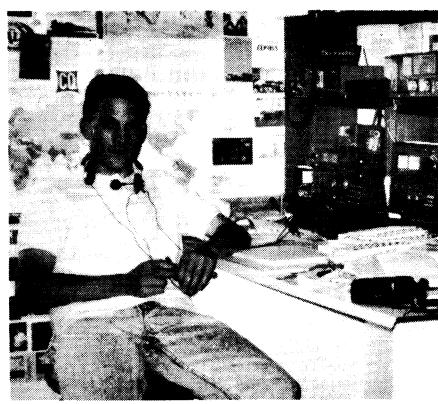
The order of finish in this year's contest showed Gyozo, HA0MM, pulling away to an easy victory in the World Mixed-Mode category, easily topping W/VE winner Jeff, KR0Y, who won handily over second-place finisher, Myron, WM4Z, while setting a record for ITU Zone 7. The phone-only category saw two Cyprus amateurs, Lawrence, 5B9A, and Spyros, 5B4MF, battling it out for the top two spots. African and Asian stations claimed the top six World spots in this category, perhaps owing to the conditions elsewhere. On the W/VE side, Gene, K1RU, outpointed Bob, KW8N, for top honors.

The CW-only class saw a close race between Nick, RL7A, and Radivoje, V27T. The race in the W/VE was also tight, with Bruce, N6TV, narrowly defeating John, W2GD, and Dan, K1TO. World multioperator was won by the crew at UR5M, with the gang at K5XI claiming top W/VE honors.

Let's all hope that lightning doesn't strike twice, and that the next IARU HF World Championship will have better conditions. After all, whether you are a big gun or a little pistol, there should be something in this contest to pique your interest. The "everyone works everyone" format, the certificate program (available for working 250 QSOs or 50 multipliers) and the different categories available (Mixed-Mode, Phone or CW only, or Multioperator), should provide enough action for any ham. Don't miss out! The next IARU HF World

## IARU Headquarters Stations

HG73DX (HA1s VQ,WD,YA,YU,HA4s FF,WQ,WV,XT, XX,YD,ZD,ZZ,HA5s AWB,FA,FM,GF,IW,ML,LN,OM, UA,HA6s ND,NF,NQ,OM,ON,OQ,PX,HA7RY,HA8s IE,JN,LLK,LKE,-806,HG7JAT,ops)	4,021,680- 6403- 240
DA0HQ (DF7RX,DG1RMP,DK2s OY,ZO,DK3GI, DK6WL,DL3OL,DL6RAI,Y21s CW,TL,Y23EK,Y24UK, Y32s NJ,TK,VK,Y33s UL,VL,Y37XJ,Y42s IK,LK,MK, OK,Y57UG,Y58WA,YO3CD,ops)	3,440,025- 6465- 225
YP0A (YO2s ABW,BON,BV,YO3s FU,JF,YO4s BEX, FSJ,HW,SI,YO8s AXP,BAM,CMB,DDP,EB,YO9s FE,HP,ops)	2,163,590- 4544- 187
W1AW (K2WR,KR2J,KU2Q,N2KW,NA2E,WB2Q, N3ADL,W3ZXV,K5NA,ops)	480,598- 2564- 103
SK5HQ (SM3s CER,OSM,SGP,SM5GMG,SM0NSJ,ops)	462,576- 1698- 92
GB5HQ (G3OZF,op)	382,279- 1189- 113
TM5M (F1s JTL,MXH,FB1RSZ,FC1RWA,FD1MYH, F6GAN,ops)	287,045- 1141- 85
JA3RL (JA3MAU,JG3s KUT,RPL,JI3ERV,JJ3WPF, JN3s QLL,VOG,JP3LKR,JQ3OZY,JR4ISF, 7J3ABO,ops)	124,820- 898- 79
OH2C/1 (OH2BBF,op)	58,916- 492- 44



Lawrence, 5B4SA, operated 5B9A to the No. 1 World Phone-Only score.



Myron, WM4Z, finished in second place W/VE in the mixed-mode category.

## Top World Scores

### Mixed

Call	Score	Call	Score
HA0MM	1,105,434	RL7A	855,184
KR0Y	806,625	V27T	
IG8R		(YU1RL,op)	803,124
(I0RIZ,op)	496,320	VP2EI	
R5QF	482,339	(KD6WW,op)	609,364
LY2OU	271,952	UL7LG	566,351
WM4Z	267,996	SO3CC	
K25D	267,336	(K1CC,op)	490,842
UA3DPX	252,320	UL7CW	485,994
K5ZD/3	235,876	EX3A	470,136
G0MFO		RB1IZ	429,514
(AA6MC,op)	199,283	VK2APK	405,230
		UC2ADX	375,240

### Phone

Call	Score	Call	Score
5B9A	1,525,626	UR5M	3,802,140
5B4MF	1,210,806	RY1U	2,635,063
5Z4BI	838,395	UC7O	1,836,490
7Q7JH	802,576	HG1S	1,631,554
RL0O	623,070	4K5ZI	1,573,416
ZC4BS	533,400	RZ1A	1,478,646
HA0NAR	465,880	RK9C	1,395,876
RY7D	425,615	R6L	1,201,288
OH1EH	415,548	RY0Q	1,148,045
ZZ5JR	324,292	RQ7W	983,291

Championship will be July 11-12, 1992; the rules will appear in April QST.

### SOAPBOX

Conditions were the worst I've ever experienced during a contest (KR0Y). Conditions were weird (N0ZA). Conditions were so bad I got bored and went to bed early (WJ1U). I wish the contest lasted longer, especially considering the conditions (KB1T). Unbelievable! I've never experienced such terrible conditions in my life! (KZ1M). I had amazing rates for such extremely poor conditions (W2GD). I was QRNed to death (AE2N). This contest separated the men from the boys (N4UH). My S-meter never moved! (KG4W). I hope conditions this weekend weren't a preview of what's



ARRL HQ was represented by (l-r) W3ZXV, N3ADL, K5NA, KR2J, KU2Q, N2KW, NA2E, K2WR and WB2Q, who operated the Hiram Percy Maxim Memorial Station, W1AW. (photo by Jeff Bauer, WA1MBK)

to come (W9HE). This contest was a real blast! (P40Z). We worked more Ws on 80 than on 20 and 15 combined! There was no propagation, but we had fun (TM5M). We had 24 hours of QRN (YZ3A). I never heard such poor propagation on 20 and 15 meters, but the low bands were good (UT2L). This was our biggest multiplier count ever, but conditions were bad to the US and Japan (RY1U). It was a good contest, but conditions were bad here (RY0G). It was a fine contest, but the conditions were poor (RK9C). Too bad it wasn't a 2-meter contest, with the aurora (K3ZO). Conditions were so poor, I just tried to make 250 QSOs and 50 multipliers (RM5P/UM8QDX). Conditions weren't favorable for working US stations (LZ1TA). We didn't hear any US, Japanese or South American stations (SP1PBW). I wondered what happened to the Berlin Wall when they pulled it down. Now I know. Someone rebuilt it around Europe to stop us from working outside the continent during the contest (OZ2ACL). The propagation to the US was poor (EA3GCJ).

## Top W/VE Scores

### Mixed

Call	Score	Call	Score
KR0Y	806,625	N6TV	277,326
WM4Z	267,996	W2GD	251,320
KZ5D	267,336	K1TO	223,600
K5ZD/3	235,876	W2SC	187,435
WX9U	166,026	K8HVT	143,000
WE3C	110,232	W8UA	110,480
AA4M	107,166	N6EK	95,760
WF5E	103,950	K1ZZ	85,932
KG5YA	84,402	W3USS	
		(K1XA,op)	82,895

### Phone

Call	Score	Call	Score
K1RU	272,792	K5XI	498,085
KW8N	232,732	KA5W	454,426
K3ANS	157,992	W5WMU	418,782
N4ZC	131,140	KA5WSS	130,046
NK1F	93,060	N5EA	274,528
W5GN	62,900	N5NMX	194,028
K1PLX	49,419	K2WI	181,920
KB2BF	45,012	AA5OR	147,015
WA4SVO	44,800	W4AQL	137,972
		NC0P	136,800

Propagation was very poor. Since I couldn't hear anybody, I spent the time with my family, causing my wife to claim that this was a good contest (VE3ZD). This was a preview of what it's like without sunspots (K3IXD). Conditions were bad this year, I hope it'll be better next time (DL8SDC). This is always a nice contest, but the conditions for DX were extremely bad (DL6RDE). The contest was good, the conditions weren't (UC2ADX). Conditions were poor, but I had a good time anyway (OH6YF). This is my second time in this contest and I like it very much (YO7LFV). The bands were almost dead (LA6IHA). It was too bad conditions were terrible (OH1EH). It was big fun to operate from CT3 as part of my family vacation (HB9CEY/CT3). Conditions were so poor, several times all the bands went dead (5Z4BI). Conditions were as bad as they could possibly be (OH3OJ). I enjoyed the contest despite exceptionally poor conditions (EI2VJN).

## Scores

Scores are listed by ITU zone and then by country within that one. The line score indicates the call sign, final score, QSOs, multipliers and entry class. The entry class letters indicate: A = single operator, mixed mode; B = single operator, phone only; C = single operator, CW only; D = multioperator, single transmitter.



Zone 4		San Diego		K7LED (WA7UVJ,op)		N5NMX (+ KB5NFZ,N5NMY)	
Ontario		AA4M	107,166	698	53 A	16,375	267 25 C 194,028 1004 69 D
VE3BD	13,384	156	28 B	KF6BL	11,016	250	18 A
VE3FSV	4,960	102	16 B	KK6XN	5,589	83	23 A
VE3VET	65	5	5 B	W6MVW	19,460	208	35 C
VE3KP	59,598	462	43 C	K7BV	12,480	120	32 C
				K6XT	2,414	50	17 C
				AA6EE	620	22	10 C
Zone 6		San Francisco		W7FR (KG7CM,N8AX,ops)		NZ5V (+ WQ5Y)	
		WB6SRM	6,936	103	24 A	51,525	433 45 D 96,200 647 52 D
		K6LRN	14,472	282	36 C		
W6		San Joaquin Valley		W5WMU (+ NAN5)		West Texas	
		WW6M	17,864	234	29 B	418,782	1806 91 D
		K16OY	624	28	8 B	W5E	103,950 581 66 A
		N6EK	95,760	524	57 C	WB5EUC	40,385 355 41 A
		NF6S	63,128	346	52 C	KB5PDF	36,250 462 29 B
Zone 1		Louisiana		W5KFT (+ KG5OV)		Arkansas	
Alaska		KU6T	2,512	49	16 A	KZ5D	267,336 1168 79 A
AA6DX/KL7	115,104	WA6PZ	19,440	268	27 C	W5V	418,782 1806 91 D
Zone 2		Arizona		West Texas		Colorado	
Alberta		WB6DFA	10,340	154	22 A	KW6O	806,625 1989 135 A
VE6GEL	5,460	W6SX	5,055	123	15 C	W5GN	62,900 664 34 B
VE6BF	18,972	N6PEQ (+ NX6M)	93,250	698	50 D	KA5W (+ KS1G)	454,426 1585 98 D
				AA5OR (+ NA5Q)	147,015 953 55 D	Iowa	111,228 622 62 D
Zone 3		Nanaimo		North Texas		West Texas	
British Columbia		WA7LNW	40,287	357	39 A	KR0Y	806,625 1989 135 A
VE7JMN	12,628	KG7EM	2,184	64	12 C	W5GN	62,900 664 34 B
VE7XO	2,660	NF7PV (+ KZ4H,NC7K)	728	29	8 B	KA5W (+ KS1G)	454,426 1585 98 D
VE7UF	34,238	KE6SU (+ KG6OH)	180,431	889	67 D	K5QHD (K15JC,KY5NM,ops)	147,015 953 55 D
				AA5OR (+ NA5Q)	147,015 953 55 D	KC6GM	13,140 256 18 B
						WB6PF	5,270 115 17 B
						NC6CP (+ NBAMI,NIUG,WOBW,WRBG,WWBV)	136,800 804 60 D
Zone 1		Oklahoma		Iowa		Missouri	
Manitoba		W7YQ	80,896	444	64 C	W7YJT	5,453 109 19 A
XL4VV	11,844	KA7JBX	4,920	125	15 C	N6FMR	15,180 242 23 C
Saskatchewan		WA6HRK	4,940	89	20 B		
VE5SF	17,842	N7JLC	24,070	254	58 A		
VE5ACP	30,464	WB7USJ	4,199	93	17 C		
Zone 3		Utah		Minnesota		Mississippi	
Manitoba		K6XO	46,728	542	36 A	KG5YA	84,402 559 54 A
XL4VV	11,844	KE6FI	22,847	285	31 B	KA5WSS	130,046 978 49 B
Saskatchewan		N6ZB	49,266	367	42 C	KF6T	35,100 324 39 C
VE5ACP	30,464	K6MJ	17,860	172	38 C		
Zone 1		Western Washington		Missouri		Nebraska	
		W7TSQ	1,504	26	16 A	K5XI (+ K5RC,K7GM)	498,085 1543 107 D
		WY7I	127,795	713	61 C	N5EA (+ KE4GY,K5GN,N5BA,W5s,ASP,QZ)	274,528 998 92 D
						K6SW	7,884 100 27 C

<b>South Dakota</b>	N8LM	3,878	151	14	C	<b>Aruba</b>	P40Z (N5MHZ,op)	81,936	468	36	C	<b>Zone 23</b>	DL1TH	43,440	288	60	C			
WD08MR	36,852	366	37	B	W4AQL (WD4DW,N7FY,T9HZQ, K9D1ops)	137,972	962	68	D	P40Z (N5MHZ,op)	81,936	468	36	C	DL8RDE	39,259	332	43	C	
<b>Zone 8</b>	<b>Kentucky</b>	WA4CQW	11,772	166	27	A	V27T (YU1RL,op)	803,124	1757	126	C	<b>Asiatic RFSFR</b>	Y23VB	38,817	320	57	C			
<b>W1</b>	N4XM	19,456	230	38	C	V27T (YU1RL,op)	803,124	1757	126	C	UA8LP/RV0Q	34,300	203	50	A	DL8WN	33,660	273	51	C
<b>Connecticut</b>	WJ1U	48,052	664	41	A	<b>North Carolina</b>	N4AA	71,890	460	65	A	<b>Zone 26</b>	DL4FJ	20,202	270	42	C			
K9CH	31,906	278	53	A	N4AA	71,890	460	65	A	UA0KJ	12,933	126	27	A	Y22PE	18,762	150	51	C	
WE6G1	14,094	258	29	A	NX9T	17,952	256	32	A	VP2EI (KD8WW,op)	609,364	1592	98	C	Y21CL	13,974	98	51	C	
NG1J	14,091	205	33	A	N4CZ	131,140	640	83	B	Turks and Caicos Islands	VP5JM	119,413	745	49	B	DL1LZQ	13,755	167	35	C
WR1B	7,476	213	21	A	N4UH	18,051	188	33	B	E16FR	71,757	417	63	B	Y23L	13,850	174	35	C	
KH8CP/1	765	35	15	A	KJ4TI	11,532	156	31	B	E12VJN (G4BUO,op)	174,816	848	72	C	DF5QON	13,640	143	40	C	
K1RU	272,792	1195	104	B	N4MO	37,850	375	50	C	Y24SH	8,432	110	31	C	I23IA	4,615	174	13	C	
KD1BM	6,248	128	22	B	N4YDU	29,760	382	40	C	DL3KWF	1,296	44	18	C	DL5SSWN	1,122	36	11	C	
K1TO	223,600	904	104	C	K4PB	24,696	218	49	C	Y26AD	650	22	13	C	Y49ZL	330	12	11	C	
K1ZZ	85,932	552	77	C	KS4S	2,952	124	12	C	Y41CM (Y41s NM,OM,YM,ops)	Y38I (DK9FE,DLL2EZA,Y23WI,Y27WI, Y31WI,ops)	280,900	1070	100	D					
NJ2L	56,227	485	59	C	<b>Northern Florida</b>	N4RNP	7,348	172	22	B	Y38I (DK9FE,DLL2EZA,Y23WI,Y27WI, Y31WI,ops)	343,416	1004	123	D					
K1EBY	12,000	250	25	C	WB4IUX	22,080	312	30	B	Y98SOP (DL1s SWA,SWG,DL4SVA, Y22AA,ops)	147,602	663	91	D						
KA1WIF	8,027	189	23	C	WD8AMV	10,290	175	30	C	Y98SOP (DL1s SWA,SWG,DL4SVA, Y22AA,ops)	139,860	911	70	D						
KJ4KJF	7,504	152	28	C	KC4WZJ	1,484	100	7	C	Y41ZL (Y24VE,Y41s FL,HL,ops)	98,714	475	77	D						
W1WEF/M	312	43	4	C	<b>Southern Florida</b>	N4BP	16,244	298	31	A	Y62ZI (Y26YI,Y62s YI,ops)	89,121	652	61	D					
NR1L (KA1QAS,KC1ZNN,ops)	88,389	692	61	D	WA4SVO	44,800	362	56	B	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	44,016	332	56	D						
<b>Eastern Massachusetts</b>	WJ1U	44,772	686	42	A	WK4F	4,032	112	18	B	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	343,416	1004	123	D					
WA1NPZ	20,091	265	37	B	WD4AHZ	38,016	434	48	C	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	139,860	911	70	D						
K10U (+KC1UA)	12,852	374	21	D	<b>Tennessee</b>	N4TG	11,310	161	30	A	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	98,714	475	77	D					
<b>Maine</b>	KN1M	74,035	583	65	A	<b>Virginia</b>	N4MM	37,111	264	59	B	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	147,602	663	91	D				
KA1GTR	7,626	100	31	B	NA4SPQ	23,320	219	40	B	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	139,860	911	70	D						
K1SA (+AD1G,K1TEV,KA1PRD,KB1U, KC1OD,N1APC,W1OO,KD2EU)	15,341	275	29	D	W4JVN	9,367	132	20	B	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)						
W1XN (+KA1YUO)	2,090	118	11	D	KG4W	40,229	403	49	C	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)						
<b>New Hampshire</b>	WJ1X	12,096	264	24	A	N4SLR (+ N4s PMQ,YGE,WA4WQL, WB8s YZ,VZ,CJ)	51,836	443	52	D	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)					
NK1F	93,060	670	66	B	<b>Michigan</b>	WA6ZDT	960	47	11	A	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)					
K1UGU	7,084	280	14	B	NE8T	44,227	427	47	B	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)						
KB1T	2,869	54	19	C	KF8IF	6,601	117	23	B	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)						
<b>Rhode Island</b>	K1PLX	49,419	459	57	B	WD8LLD	62,376	404	69	C	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)					
<b>Vermont</b>	KC1WH	5,525	179	17	B	NG8D	45,485	351	55	C	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)					
<b>Western Massachusetts</b>	W2SC	187,435	861	95	C	N8CQA	3,600	119	16	C	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)					
KZ1M (+KB1RI)	48,546	466	54	D	W8IQ (+WD9INF)	102,796	704	62	D	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)						
<b>W2</b>	WJ1U	7,110	213	18	B	WA8OSE (+NBjEC)	66,552	470	59	D	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)					
<b>Eastern New York</b>	W2G	5,368	124	22	A	WB8BMX	1,030	40	10	C	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)					
W2I2N (+W2E)	72,800	244	65	D	<b>W8</b>	WA8OSE (+NBjEC)	102,796	704	62	D	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)					
<b>NYC-Long Island</b>	KS2G	11,710	213	18	B	<b>West Virginia</b>	WA8OSE (+NBjEC)	102,796	704	62	D	Y66CA (DL6KWU,DL9s GMN,GRE,ops)								
<b>Northern New Jersey</b>	K3FNW	9,240	138	28	B	WB8BMX	1,030	40	10	C	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)					
W2GD	251,320	922	122	C	WB8BMX	1,030	40	10	C	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)						
WA2VYA	9,153	213	27	C	WB8BMX	1,030	40	10	C	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)						
WA2ASQ	6,615	127	27	C	WB8BMX	1,030	40	10	C	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)						
W2HCA	5,512	98	26	C	<b>W9</b>	WA8OSE (+NBjEC)	102,796	704	62	D	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)					
<b>Southern New Jersey</b>	K2PS	53,760	640	60	A	WB8BMX	111,316	742	71	D	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)					
KB2BF	45,012	483	44	B	WB8BMX	111,316	742	71	D	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)						
AE2N	1,430	65	10	C	WB8BMX	111,316	742	71	D	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)						
K2WI (+N2NU,WW2Y)	181,920	830	96	D	<b>W9</b>	WB8BMX	111,316	742	71	D	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)					
<b>Western New York</b>	KD2PY	27,588	267	44	A	WB8BMX	111,316	742	71	D	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)					
<b>Delaware</b>	WN3K	1,330	75	10	C	WB9GGY (+NET)	4,460	107	20	D	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)					
WN3K3A (+KS3F)	102,778	742	67	D	WB9GGY (+NET)	4,460	107	20	D	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)						
<b>Eastern Pennsylvania</b>	WB9GGY (+NET)	4,460	107	20	D	<b>Indiana</b>	N9KDD	9,756	252	18	A	Y66CA (DL6KWU,DL9s GMN,GRE,ops)								
WE3C	110,232	751	72	A	WB9GGY (+NET)	4,460	107	20	D	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)						
KA3YE4	4,800	140	24	A	WB9GGY (+NET)	4,460	107	20	D	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)						
K3ANS	157,992	806	87	B	WB9GGY (+NET)	4,460	107	20	D	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)						
N3HHE	23,414	215	46	B	WB9GGY (+NET)	4,460	107	20	D	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)						
WA3YTY	603	31	9	B	WB9GGY (+NET)	4,460	107	20	D	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)						
KL7HWR/W3	49,750	504	50	C	WB9GGY (+NET)	4,460	107	20	D	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)						
N3CZB	116	15	4	C	<b>Zone 9</b>	N9KDD	9,756	252	18	A	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)					
AA4GA	11,361	265	21	A	WB9GGY (+NET)	4,460	107	20	D	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)						
K3IXD	5,152	101	23	B	WB9GGY (+NET)	4,460	107	20	D	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)						
W3USS (K1XA,op)	6,000	120	25	D	<b>Zone 11</b>	WB9GGY (+NET)	4,460	107	20	D	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)					
WB9GGY (+NET)	4,460	107	20	D	<b>Bahamas</b>	WB9GGY (+NET)	4,460	107	20	D	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA (DL6KWU,DL9s GMN,GRE,ops)	Y66CA					

OK2BWJ	23,384	284	37	C	RA6AH	135,320	530	85	A	Georgia	UF6VX	49,717	92	20	B	Canary Islands	JL1EUP/1	560	36	7	C		
OK3CTX	23,275	203	49	C	UZ3DXW	95,964	529	66	A	Moldavia	UA8FSJ	256,310	738	71	B	EA8BSJ	JR4ISK	540	36	10	C		
OK3CAB	22,848	270	34	C	UA3DQH	62,370	429	54	A	Lithuania	EA8BW	188,210	650	59	B	EA8BW	JR4ESR	252	9	7	C		
OK2BNB	22,181	204	41	C	RA1AA	97,539	481	61	B	UO5OA	EA8DM	127,286	435	62	B	EA8AD	JA4RTX	76	5	4	C		
OK3CWF	16,168	214	33	C	UA4NC	48,608	284	62	B	UO6FAL	61,950	304	42	B	EA8AQ	JI7OED	10	5	2	C			
OK3TAY	15,732	176	33	C	RA3ZH	45,877	258	61	B	UO8XQ	10,276	85	28	B	EA8XQ	JE2YRD (JF2EOC,JH4NMT,JR7OMD, ops)	219,240	546	105	D			
OK3CDN	9,416	156	24	C	UA1NA	35,247	297	49	B	UO8XQ	JA8BY (J01DFG,JE8CTG,JG8NFE, JH8PNE,JR8D,DHA,WJS,ops)	175,824	550	99	D								
OK2EC	8,304	140	24	C	UZ3ZYD	34,996	247	52	B	LY2OU	JA3YBF (JE1TND,JO3LDN,JF4UF, JG4CLV,ops)	141,648	424	104	D								
OK2BDI	6,837	75	46	C	UA3ZIU	30,243	205	51	B	LY1DS	JA8AK (JK2PV,JG0DU,JG0FF,ops)	29,988	164	51	D								
OK2SWD	5,970	59	22	C	RA3DNC	10,200	150	24	B	LY3BH	98,496	451	64	B	EA8FQ	CT0A (CT1DVV,op)	97,125	801	37	B			
OK1FKV	3,731	151	13	C	UA4SDT	6,374	139	23	B	LY1DI	27,495	263	39	B	EA8GJ	Zone 37	175,824	550	99	D			
OK3TBB	3,024	54	27	C	RA3ZAP	927	56	9	B	LY2BK	70,580	465	63	C	EA3GJ	Portugal	141,648	424	104	D			
OK1TW	2,800	32	25	C	EX3A	470,136	1313	114	C	LY2PAQ	66,291	449	57	C	EA3GJ	Spain	JA8BY (JK2PV,JG0DU,JG0FF,ops)	29,988	164	51	D		
OK3TNA	2,448	76	12	C	UV4AB	211,218	818	94	C	LY2BLA	35,188	370	38	B	EA3GJ	Zone 48	JA8AK (JK2PV,JG0DU,JG0FF,ops)	29,988	164	51	D		
OK1DXE/P (OK1-3342,op)	1,806	65	14	C	UA6GLM	127,180	639	68	C	LY2BB	1,020	24	15	C	EA3GJ	Kenya	JA8AK (JK2PV,JG0DU,JG0FF,ops)	29,988	164	51	D		
OK3TUM	1,408	49	11	C	RZ3AW	123,984	570	84	C	LY2WW (LY2s Blu,BKW,ops)	69,1,713	1609	153	D	EA3GJ	Vietnam	JA8AK (JK2PV,JG0DU,JG0FF,ops)	29,988	164	51	D		
OK1FRR	1,185	34	15	C	UV3RV	75,576	476	67	C	Latvia	LY2HB	24,772	203	44	C	EA3GJ	Zone 49	JA8AK (JK2PV,JG0DU,JG0FF,ops)	29,988	164	51	D	
OK3CFY	861	63	7	C	UA3YAO	71,492	415	61	C	LY2EC	20,163	189	39	C	EA3GJ	Zone 50	JA8AK (JK2PV,JG0DU,JG0FF,ops)	29,988	164	51	D		
OK3TLN	366	41	6	C	RA4YM	67,914	422	63	C	RA7QW (UQ2UB,YL2AG,YL3CW,ops)	983,291	2163	157	D	EA3GJ	Philippines	JA8AK (JK2PV,JG0DU,JG0FF,ops)	29,988	164	51	D		
OK3KAG (OK3s CIR,DX,TRU,TWR,TZ1, WDX,ZFM,ops)	403,456	1145	19	D	UA4SS	66,840	454	60	C	UQ0A (UQ2ID,YL2s GM,GN,KI,KL, TW,ops)	715,772	2080	127	D	EA3GJ	UK Sov Base Areas on Cyprus	KG6UH/DU1	15,211	87	41	A		
OK3KAP (OK3s PA,TPV,OL8CUT,ops)	330,876	1001	117	D	UA3XDF	50,344	293	58	C	UZ4WZA (U4e WAD,WES,WI,WW, RW4s WR,WZ,ops)	99,979	544	61	C	EA3GJ	Zone 51	ZC4BS	533,400	1069	105	B		
OK3KXR (+ops)	42,536	323	52	D	UA3LID	45,738	326	54	C	Estonia	EA4MM	34,065	305	45	C	EA3GJ	Israel	4X/AA4KD	36,360	197	40	A	
Poland	UA3JD	39,416	308	52	C	UA3LUD	31,100	235	50	C	EA4MM	4X11D	117,024	532	46	B	EA3GJ	Gabon	TR0D	32,958	377	18	B
SP2BRZ	66,360	404	70	A	UV3ABN	23,484	216	38	C	UZ4WZA (U4e WAD,WES,WI,WW, RW4s WR,WZ,ops)	288,855	925	105	D	EA3GJ	Zone 52	ZC4BS	533,400	1069	105	B		
SP4KTO	352	28	8	A	UA4NGC	17,640	212	35	C	Asiatic RSFSR	UA9WWF	26,418	241	42	A	EA3GJ	Malawi	TR0D	32,958	377	18	B	
SP7FQI	15,086	159	38	B	UA3TAG	15,519	225	21	C	UA9SG	24,360	170	35	A	EA3GJ	Zone 53	UA9WWF	1,525,626	2279	131	B		
SP3XR	7,752	186	17	B	UA3TU	13,560	66	60	C	UA9SCX	1,098	36	9	A	EA3GJ	Zone 54	UA9WWF	1,210,806	1875	137	B		
SP5MNT	5,576	87	34	C	UA4YG	9,168	235	16	C	RA7WQ (RA2UB,YL2AG,YL3CW,ops)	989,670	339	66	B	EA3GJ	Indonesia	UA9WWF	1,210,806	1875	137	B		
SP6AGD	3,510	87	15	B	UA3TAM	6,601	109	23	C	UA7WQ (UA9CGA,UV9CAF, U9-154-2063,ops)	46,020	312	59	B	EA3GJ	Zone 55	UZ9FWW	12,465	183	15	C		
SP6DVP	261	11	9	B	UA6HPT	5,202	130	17	C	UA9AKS	48,680	267	40	C	EA3GJ	Zone 56	UZ9FWW	12,465	183	15	C		
SO3CC (K1CC,op)	490,842	1343	134	C	R6L (Ua6s LO,LV,150-1060,150-1103, 150-1240,150-1403,UV9PL,UV6PL, ops)	1,201,288	2068	187	D	RA7WQ (RA2UB,YL2AG,YL3CW,ops)	1,395,876	1843	178	D	EA3GJ	Zone 57	UZ9FWW	12,465	183	15	C		
SP7GIQ	208,878	863	93	C	RA1DZ	21,118	144	117	C	UZ9FWW (RA9CU,RV9CBW,RA9ZB,ops)	677,600	1272	121	D	EA3GJ	South Africa	UZ9FWW	12,465	183	15	C		
SP5CJQ	104,380	453	85	C	UA0OGS	10,590	192	20	C	UA9WWF	147,615	131	15	B	EA3GJ	Australia	UZ9FWW	12,465	183	15	C		
SP8TQ	58,560	339	64	C	UA2LW	541,975	1486	133	D	RA1DZ	147,615	131	15	B	EA3GJ	Zone 58	UZ9FWW	12,465	183	15	C		
SP2LNW	56,384	484	66	C	RA1TWB	121TWC (RA1TE,UA1s 144-380, 144-386,ops)	240,210	102	90	D	RA1DZ	18,032	175	30	A	EA3GJ	New Zealand	UZ9FWW	12,465	183	15	C	
SP1AEH	52,688	344	57	C	RA1TWB	UZ1TWC (RA1TE,UA1s 144-380, 144-386,ops)	188,704	898	79	D	UA1AWO	147,615	131	15	B	EA3GJ	Hawaiian Islands	UZ9FWW	12,465	183	15	C	
SP6EYI	49,356	301	46	C	RA1TWB	UZ3EW (RA3EW,UA3EGK,UA3ss UA3AKK,ops)	253,864	880	104	C	UA1AWO	147,615	131	15	B	EA3GJ	Zone 59	UZ9FWW	12,465	183	15	C	
SP6FX	32,272	282	43	C	RA1TWB	UZ3EW (RA3EW,UA3EGK,UA3ss UA3AKK,ops)	253,864	880	104	C	UA1AWO	147,615	131	15	B	EA3GJ	Australia	UZ9FWW	12,465	183	15	C	
SP4EAK	23,446	247	38	C	RA1TWB	UZ3EW (RA3EW,UA3EGK,UA3ss UA3AKK,ops)	253,864	880	104	C	UA1AWO	147,615	131	15	B	EA3GJ	Zone 60	UZ9FWW	12,465	183	15	C	
SP3BGD	14,001	147	39	C	RA1TWB	UZ3EW (RA3EW,UA3EGK,UA3ss UA3AKK,ops)	253,864	880	104	C	UA1AWO	147,615	131	15	B	EA3GJ	New Zealand	UZ9FWW	12,465	183	15	C	
SP4GFG	10,716	157	38	C	RA1TWB	UZ3EW (RA3EW,UA3EGK,UA3ss UA3AKK,ops)	253,864	880	104	C	UA1AWO	147,615	131	15	B	EA3GJ	Hawaiian Islands	UZ9FWW	12,465	183	15	C	
SP9NLJ	1,375	47	11	C	RA1TWB	UZ3EW (RA3EW,UA3EGK,UA3ss UA3AKK,ops)	253,864	880	104	C	UA1AWO	147,615	131	15	B	EA3GJ	Zone 61	UZ9FWW	12,465	183	15	C	
SP3PLD (SP3s CE,FL,RBF,IBM,ops)	128,568	557	88	D	UA1AWO	147,615	131	15	B	UA1AWO	147,615	131	15	B	EA3GJ	Zone 62	UZ9FWW	12,465	183	15	C		
SP1PBW (SP1s AMU,BZZ,ops)	57,750	416	77	D	UA1AWO	147,615	131	15	B	UA1AWO	147,615	131	15	B	EA3GJ	French Polynesia	UZ9FWW	12,465	183	15	C		
SP4PBI (+SP4EEZ)	47,936	434	64	D	UA1AWO	147,615	131	15	B	UA1AWO	147,615	131	15	B	EA3GJ	Checklogs	UZ9FWW	12,465	183	15	C		
Romania	UA1AWO	147,615	131	B	UA1AWO	147,615	131	15	B	UA1AWO	147,615	131	15	B	EA3GJ	Zone 57	UZ9FWW	12,465	183	15	C		
Y05BQ	55,083	314	61	A	UA1AWO	147,615	131	15	B	UA1AWO	147,615	131	15	B	EA3GJ	South Africa	UZ9FWW	12,465	183	15	C		
Y05OAG	39,160	263	55	A	UA1AWO	147,615	131	15	B	UA1AWO	147,615	131	15	B	EA3GJ	Australia	UZ9FWW	12,465	183	15	C		
Y06JN	48,430	252	58	B	UA1AWO	147,615	131	15	B	UA1AWO	147,615	131	15	B	EA3GJ	Zone 58	UZ9FWW	12,465	183	15	C		
Y02LBM	41,883	233	69	B	UA1AWO	147,615	131	15	B	UA1AWO	147,615	131	15	B	EA3GJ	Australia	UZ9FWW	12,465	183	15	C		
Y09AHX	32,487	256	49	B	UA1AWO	147,615	131	15	B	UA1AWO	147,615	131	15	B	EA3GJ	Zone 59	UZ9FWW	12,465	183	15	C		
Y04DEQ	27,495	193	45	B	UA1AWO	147,615	131	15	B	UA1AWO	147,615	131	15	B	EA3GJ	Zone 60	UZ9FWW	12,465	183	15	C		
Y07LFV	26,840	291	44	B	UA1AWO	147,615	131	15	B	UA1AWO	147,615	131	15	B	EA3GJ	New Zealand	UZ9FWW	12,465	183	15	C		
Y08SCA	18,340	160	20	B	UA1AWO	147,615	131	15	B	UA1AWO	147,615	131	15	B	EA3GJ	Hawaiian Islands	UZ9FWW	12,465	183	15	C		
Y02CJ	11,008	130	32	B	UA1AWO	147,615	131	15	B	UA1AWO	147,615	131	15	B	EA3GJ	Zone 61	KH6FKG	109,284	534	42	B		
Y08BNG	9,541	121	29	B	UA1AWO	147,615	131	15	B	UA1AWO	147,615	131	15	B	EA3GJ	Australia	AH6JF	21,056	154	28	C		
Y05CTY	4,366	274	61	A	UA1AWO	147,615	131	15	B	UA1AWO	147,615	131	15	B	EA3GJ	Zone 62	UZ9FWW	12,465	183	15	C		
Y09FEH	1,976																						